

1c978 U.S. PTO
09/970613
10/04/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mark Holst, et al.

Title : "EFFLUENT GAS STREAM TREATMENT SYSTEM HAVING UTILITY
FOR OXIDATION TREATMENT OF SEMICONDUCTOR
MANUFACTURING EFFLUENT GASES"

U.S. Serial No.: New Divisional of Prior Copending U.S. Patent Application No.
09/400,662

Prior Application Filing Date: September 20, 1999

Prior Application Group Art Unit: 1764

Prior Application Examiner: H. Tran

"Express Mail" mailing label number: EL736559609US

Date of Deposit: October 4, 2001

I hereby certify that this new patent application with filing fee is
being deposited with the United States Postal Service "Express Mail
Post Office to Addressee" service under 37 CFR 1.10 on the date
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Assistant Commissioner for Patents, Washington, DC 20231.

Lee Ann DiLello

(Typed or printed name of person mailing paper or fee)

Lee Ann DiLello
(Signature of person mailing paper or fee)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

☐ 1. This Information Disclosure Statement is being filed within three months of

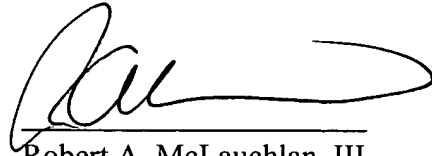
the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ c. Attached is our check no. ____ in the amount of \$240 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. ____ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. ____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☒ 4. (other): The relevance of these references is that they were cited during the prosecution of the parent application. Copies of these references are

already of record and, therefore, new copies are not being submitted along with this statement under 37 CFR 1.98(d).

Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. McLauchlan, III', written over a horizontal line.

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Attorney for Applicant
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Date: October 4, 2001
Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, CT 06810
Attorney Ref: 163-Con-Div.

FORM PTO-1449 US Dept. of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		ATTORNEY DOCKET NO. E-163 CON-DIV APPLICANT Holst et al. FILING DATE Herewith		SERIAL NO. TBA GROUP Not Assigned	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5,649,985	Jul 22 1997	Imamura			
	AB	5,716,428	Feb 10 1998	Imamura			
	AC	3,898,040	Aug 5 1975	Tabak			
	AD	5,009,869	Apr 23 1991	Weinberg et al			
	AE	5,160,707	Nov 3 1992	Murray et al			
	AF	5,533,890	Jul 9 1992	Holst et al			
	AG	4,908,191	Mar 13 1990	Boldish et al			
	AH	5,603,905	Feb 18 1997	Bartz et al			

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DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES NO		
AI	JP 03-65218	Mar 20 1991	Japan			Y	
AJ	JP 07-10335	Oct 15 1992	Japan			Y	
AK	JP 04-209524	Oct 15 1992	Japan			Y	
AL	WO 9616720	Jun 6 1996	WO			NA	
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AN	Langan, J., "Strategies for Greenhouse Gas Reduction", <i>Solid State Technology</i> July, 115 (1996)
AO	Holmes, J.T., et al., "Fluidized Bed Disposal of Fluorine", <i>I&EC Process Design and Development</i> , Vol. 6, No. 4, pg 411 (1967)
AP	Cady, G. H., "Reaction of Fluorine with Water and with Hydroxides", <i>J. Am. Chem. Soc.</i> Vol. 57, pg 246, (1935)
AQ	Smiley, S.H. et al., "Continuous Disposal of Fluorine", <i>Industrial and Engineering Chemistry</i> , Vol. 46, pg 244 (1954)
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AT	Hayakawa, Saburo, "Silane Gas Scrubber", <i>Koatsu Gasu</i> , 24(7), pg 371-9, (1987)

Continue on Page 2

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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				FILING DATE Hrewith		GROUP Not assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AU	5,599,508	Feb 4 1997	Martinelli			
	AV	5,252,007	Oct 12 1993	Klinzing			
	AW	4,719,088	Jan 12 1988	Itoh et al			
	AX	4,083,607	Apr 11 1978	Mott			
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	BA	5,891,404	Apr 6 1999	Ibaraki et al.			
	BB	5,800,792	Sep 1 1998	Ibaraki et al.			
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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES NO
	BC	WO 99/02921	Jan 21, 1999	PCT			Yes
OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)							
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	BG	5,756,052	May 26 1998	Suzumura			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BL	4,519,999	May 28 1995	Coleman			
	BM	5,271,908	Dec 21 1993	Shiban et al.			
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